



versalis

Technical Data Sheet

EUROPRENE[®]

SBS

SOL T 6205

Styrene - Butadiene Block Copolymer

Europrene[®] SOL T 6205 is a radial block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 25 % wt and diblock content is 15%. A non-staining antioxidant system is added during the production process.

Properties	Test Method	Unit	Typical Value	
Specific gravity	ASTM D 792	g/cc	0.93	
Tensile strength ¹⁾	ASTM D 412	MPa	4.0	
Elongation at break ¹⁾	ASTM D 412	%	440	
300% Modulus ¹⁾	ASTM D 412	MPa	2.0	
Hardness ¹⁾	ASTM D 2240	Sh A	68	
Melt Flow Index	ASTM D 1238	g/10 min	<1	(190°C, 5 Kg)
Brookfield Viscosity	ASTM D 1084	Pa .s	7.7	(Toluene sol., 25% wt)

1) Measured on ASTM D 4703 compression molded specimens

Key Features

Europrene[®] SOL T 6205 is a block copolymer with radial molecular structure and low styrene content. The grade provides easy processability and excellent mechanical properties and elasticity.

Main Applications

Europrene[®] SOL T 6205 is designed for the modification of bitumen in road paving applications. The easy processability and the excellent compatibility with bitumen, greatly improve the binders performance, particularly at low service temperatures.

Physical Form

Europrene[®] SOL T 6205 is produced in Ravenna Plant (Italy) in pellet form (G).

Packaging

Available in bags on pallet, big bags and wooden crates. For detailed information, please refer to your versalis representative

Storage Conditions

Store the preparation in a covered place in sealed packaging, away from sunlight and heat sources. Ensure the proper ventilation in all storage areas.

Shelf life : 18 months

